

Receiving Report

Date: 14/9/15
 Supplier: MARMON

Batch No: M130292
 Dart P/O: 26537

Packing Slip: Yes ✓ No ✓
 Invoice: Yes ✓ No ✓
 Receipt: Cash ✓ Cr ✓
 New Supplier Yes ✓ No ✓

Release Note Attached: Yes ✓ No ✓ N/A ✓
 Waybill Attached: Yes ✓ No ✓ N/A ✓
 Shipment Complete: Yes ✓ No ✓ N/A ✓
 QC18 Inspection ✓ N/A ✓
 Work Order N/A ✓

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver QC12

Production/Admin:

Date
 Received/Costing
 Initial

Location

All Vendors	PO ID PO25537	Receipt Dates from 9/5/2014 to 9/5/2014	All Line Item Types
-------------	---------------	---	---------------------

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date	Rev Date/ Recv Emp	Rev Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Rejected Qty	Book Amt
Vendor ID \ Vendor Name PO25537	1		VC-MAR001 M6061T6T1.000W.065 5		9/3/2014	9/5/2014	84.0000	\$3.40	0.0000	0	\$285.84
CAD	No		6061T6 RD TUBE 1.00 x .065w ml30292		84.0000	DESJ02		\$285.84	0.0000	0	
	2		M304TR0.500W.035 f 304 RD Tube .500 x f .035W ml30292		9/3/2014	9/5/2014	36.0000	\$3.40	0.0000	0	\$122.50
	No				36.0000	DESJ02		\$122.50	0.0000	0	
	3		M304TR0.750W.049 f 304 RD Tube .750 x f .049W ml30292		9/3/2014	9/5/2014	200.0000	\$1.79	0.0000	0	\$358.68
	No				200.0000	DESJ02		\$358.68	0.0000	0	
	4		M304TR1.000W.065 f 304 RD Tube 1.00 x f .065W ml30292		9/3/2014	9/5/2014	40.0000	\$2.93	0.0000	0	\$117.35
	No				40.0000	DESJ02		\$117.35	0.0000	0	
	5		M304TR1.250W.125 f 304 RD Tube 1.250 x f .125w ml30292		9/3/2014	9/5/2014	40.0000	\$5.94	0.0000	0	\$237.65
	No				40.0000	DESJ02		\$237.65	0.0000	0	
	7		71401-45 PROCUREMENT QUALITY CLAUSES ml30292		9/3/2014	9/5/2014	1.0000	\$0.00	0.0000	0	\$0.00
	No				1.0000	DESJ02		\$0.00	0.0000	0	

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Qty	Reev Date/ Reev Emp	Reev Qty (PO U/M)	Cost Per Unit/ Reev Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
---------------------------------	-----------------------	------------	--	----------------------	--------------	------------------------	----------------------	------------------------------	--	----------------------------	----------

Total Received Quantity:											521.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$1,229.08
Total Balance Due Quantity:											0.0000



Marmon/Keystone Canada Inc.

ACIERS SPÉCIALISÉS

290 Chemin du Tremblay
Boucherville QU CAN J4B 5X9
TEL. 514/527-9153
FAX. 450/641-4357

PAGE... 1
Order : 1150212
Date... 09/03/2014

PACKING SLIP

SOLD TO:

DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIPPED TO:

DART AEROSPACE LTD
1270 ABERDEEN STREET

HAWKESBURY ON CAN K6A 1K7

SHIP VIA		F.O.B.	SALESPERSON	YOUR ORDER NO.	
TST OVERLAND #222212		BOUCHERVILLE	C. Gee	P025537	
Ordered	Description	Number Pieces	Quantity Shipped	Back Ordered	
	Fax all papers to Linda Lacelle 613-632-1053 rev:01/11 GD				
01 84 /FT	ALUMINUM SMLS TUBE ATS 1.000 .065 D6061 Tariff Number: 7608.20.00.00 Cust. part#: M6061T61.000W065 HT#.....: 17749890 Total...	7 7	84/FT 84/FT		
02 120 /FT	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1/2 X .035 A213 STS .500 .035 304L Tariff Number: 7304.41.19.90 Cust. part#: M304TR0.500W.035 HT#.....: YX1305-692 Total...	6 6	120/FT 120/FT		
03 200 /FT	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 3/4 X .049 A213 STS .750 .049 304L Tariff Number: 7304.41.99.90 Cust. part#: M304TR0.750W.049 HT#.....: YT30761 Total...	10 10	200/FT 200/FT		
04 40 /FT	STAINLESS STEEL SEAMLESS TUBE SMLS TUBE 304L 1 X .065 A213 STS 1.000 .065 304L Tariff Number: 7304.41.99.90 Cust. part#: M304TR1.000W.065 HT#.....: YT22590 Total...	2 2	40/FT 40/FT		
05 40 /FT	STAINLESS STEEL SEAMLESS TUBE STS 1.250 .120 304L Tariff Number: 7304.41.99.90 Cust. part#: M304TR1.250W.125 HT#.....: YT31223 Total...	2 2	40/FT 40/FT		
06 36 /FT	ALUMINUM SMLS TUBE ATS 1.000 .065 D6061 Tariff Number: 7608.20.00.00 Cust. part#: M6061T61.000W065 HT#.....: 17749890 Total...	3 3	36/FT 36/FT		

Packaging:

Total Weight..... 204.9

Customers..



A Marmon Distribution Services/Berkshire Hathaway Company



Alcoa Forgings and Extrusions
Lafayette Operations
3131 East Main Street
Lafayette, IN
47905-7500

Certified Inspection Report

Sales Order Number	Customer P/O	Cert Number	Page
1000489569	61-30554-1	AEP1648860	1/2
Line	1	06-JUN-13	Cert Print Date
06-JUN-13			06-JUN-13

Alcoa, Inc.
Invoice To Customer
MARMON/KEYSTONE CORPORATION
1000 REMINGTON BLVD
SUITE 305
BOLINGBROOK, IL - 60440
Ship To Customer
MARMON/KEYSTONE CORPORATION
32944 US HIGHWAY 6
SPRING VALLEY, IL - 61362

Quantity Shipped	Date Shipped	Item Description
693 LB	06-JUN-13	Drawn Tube OD X WALL 1.000 OD x 0.065 WALL ITEM 1 6061 / T6 W/F 0.225 Marking CONTINUOUS: AMS4282 REV P ASTM B210 REV 12 WW-F-7006 REV F, AM2, NOT1
B/L	Item No.	
2086932	G03123386	
Delivery ID	Item No. Rev	
8003404		
Customer Part No		

Legal Statement
We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title
Melissa Griffith
Melissa Griffith
Quality Control Manager
06-JUN-13

Quantities per Lot / Packages				
Package Number	Lot Number	Quantity	UOM	Weight
G17-PK G593482	17749890	133	PCS	Gross 407 Net 359
G17-PK G593483	17749890	124	PCS	386 334

Composition Limits									
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	
6061	Min 0.40	---	0.15	---	0.8	0.04	---	---	
	Max 0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	
Alloy	Others Each								
6061	Min ---	---	---	---	---	---	---	---	
	Max 0.05	---	---	0.15	---	---	---	---	
	Others Total								

Mechanical Property - Test Results			
Test Type	UTS - L	TYS - L	EL 4D-Long
UOM	KSI	KSI	PCT
# of Tests			



ALCOA

Alcoa Forgings and Extrusions
Lafayette Operations
3131 East Main Street
Lafayette, IN
47905-7500

Certified Inspection Report

Sales Order Number		Customer P/O		Cert Number	Page
1000489569	Line No.	1.1	61-30554-1	AEF1648860	2/2
				06-JUN-13	Cert Print Date
				06-JUN-13	

Test Temper	Lot Number	Piece / Test ID	Results	Results	Results
T6	17749890	3-F	46.9	42.9	17.7

Other - Test Limits

Test Type		Dimensional	
UOM			
# of Tests			
Test Temper	Lot Number	Min	Max
T6	SPEC LIMITS	P	

Other - Test Results

Test Type		Dimensional	
UOM			
# of Tests			
Test Temper	Lot Number	Results	
T6	17749890	P	

Cert Notes

Made in USA

The test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.



CRYSTAL PALACE

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

MILL TEST CERTIFICATE

ISO9001:2008 ; PED Material Certificate (No.: QACC0021058/A)

DATE OF ISSUE: 2013/11/3

CUSTOMER: MARMON/KEYSTONE CANADA INC.

CERTIFICATE NO.: 2013-7-17-E-1

P.O.NO.: BN3759

ORDER NO.: 2013-07-017-E

COMMODITY: STAINLESS STEEL SEAMLESS TUBING

GRADE: ASTM A213/11a/ASME SA213-10 TP304/TP304L

CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END

HEAT NO.: YX1305-692

CHEMICAL CONTENTS (WT%)

ELEMENTS	C	Mn	P	S	Si	Ni	Cr
SPECIFICATION	≤ 0.035	≤ 2.00	≤ 0.040	≤ 0.030	≤ 0.75	8.0~11.0	18.0~20.0
RESULTS (LADLE)	0.019	0.67	0.028	0.001	0.40	8.07	18.36

PHYSICAL PROPERTIES

Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa)			TS (Mpa)	EL (%)	FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)				≥ 205	≥ 515	≥ 35						
0.375	0.035	20	G13-9-166	1250	1457	320	640	61.5	OK	OK	OK	OK	74	OK (DRILLED HOLE)
0.500	0.035	20	P13-10-88	500	797	265	655	65.5	OK	OK	OK	OK	70	OK (DRILLED HOLE)

REMARKS:

AS PER ASTM A213-11a/ASME SA213-10
WALL THICKNESS TOLERANCE AS PER ASTM A269-10
IN COMPLIANCE TO NACE MR0175-2003
IC TEST TO ASTM A262 PRACTICE E
SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min
NO WELD REPAIR WAS PERFORMED
FREE FROM MERCURY CONTAMINATION
COUNTRY OF ORIGIN: CHINA
MILL TEST CERTIFICATE TO EN 10204/3.1
INVOICE NO: YK-13-11-13

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.
SHANGHAI CRYSTAL PALACE PIPE CO., LTD

QC REVIEWED

DEC 18 2013

MANAGER OF QUALITY ASSURANCE DEPARTMENT / DING WEI-GUO



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

CRYSTAL-PALACE

MILL TEST CERTIFICATE

ISO9001:2008; PED Material CERTIFICATE (No.: QAC0021058/A)

DATE OF ISSUE: 2013/12/8

CUSTOMER: MARMON/KEYSTONE CANADA INC.

CERTIFICATE NO.: 2013-8-14-D-6

P.O.NO.: BN3818

ORDER NO.: 2013-08-014-D

COMMODITY: STAINLESS STEEL SEAMLESS TUBING

GRADE: ASTM A213-11a/ASME SA213-10 TP304/TP304L

CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END/ OD POLISHED 400 GRIT

HEAT NO.: YT30761

CHEMICAL CONTENTS (WT%)

ELEMENTS	C	Mn	P	S	Si	Ni	Cr
SPECIFICATION	≤0.035	≤2.00	≤0.040	≤0.030	≤0.75	8.0-11.0	18.0-20.0
RESULTS (LADLE)	0.024	1.12	0.039	0.004	0.41	8.09	18.10

PHYSICAL PROPERTIES

Dimensions				0.2%YS				T S		EL		FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)	Bundle No.	Pieces	Weight (kg)	(Mpa) ≥205	(Mpa) ≥515	(%) ≥35							
0.750	0.049	20	Z13-10-190	100	337	320	675	59.0	OK	OK	OK	OK	OK	77	OK (DRILLED HOLE)
1.250	0.120	20	13-10-114	25	332	260	645	67.0	OK	OK	OK	OK	OK	74	OK (DRILLED HOLE)
1.500	0.120	20	Z13-10-86	25	406	280	670	65.0	OK	OK	OK	OK	OK	76	OK (DRILLED HOLE)

REMARKS:

AS PER ASTM A213-11a/ASME SA213-10 IN COMPLIANCE TO NACE MR0175-2003 IC TEST TO ASTM A262 PRACTICE E SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min NO WELD REPAIR WAS PERFORMED FREE FROM MERCURY CONTAMINATION COUNTRY OF ORIGIN: CHINA MILL TEST CERTIFICATE TO EN 10204/3.1 INVOICE NO: YK-13-12-21

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.
SHANGHAI CRYSTAL PALACE PIPE CO., LTD

MANAGER OF QUALITY ASSURANCE DEPARTMENT / DING WEI-GUO

JAN 21 2014

QC REVIEWED



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

CRYSTAL-PALACE

MILL TEST CERTIFICATE

ISO9001:2008 ; PED Material CERTIFICATE (No.: QAC0021058/A)

DATE OF ISSUE: 2013/2/1

CUSTOMER: MARMON/KEystone CANADA INC.

CERTIFICATE NO.: 2012-11-9-F-4

P.O.NO.: BN3349

ORDER NO.: 2012-11-009-F

COMMODITY: STAINLESS STEEL SEAMLESS TUBING

GRADE: ASTM A213, 1a TP304/TP304L

CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END/ OD POLISHED 400 GRIT.

HEAT NO.: Y122590

CHEMICAL CONTENTS (WT%)

ELEMENTS	C	Mn	P	S	Si	Ni	Cr
SPECIFICATION	≤ 0.035	≤ 2.00	≤ 0.045	≤ 0.030	≤ 1.00	8.0~11.0	18.0~20.0
RESULTS (LADLE)	0.023	0.73	0.038	0.004	0.36	8.06	18.14

PHYSICAL PROPERTIES

Dimensions		Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa)			FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)				≥ 205	≥ 515	≥ 35				
1.000	0.065	20	100	595	280	680	62.0	OK	OK	77	OK (DRILLED HOLE)

REMARKS:

AS PER ASTM A213-11a/ASME SA213-10
WALL THICKNESS TOLERANCE AS PER ASTM A269-10
IN COMPLIANCE TO NACE MR0175-2003
IC TEST TO ASTM A262 PRACTICE E
SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min
NO WELD REPAIR WAS PERFORMED
FREE FROM MERCURY CONTAMINATION
COUNTRY OF ORIGIN: CHINA
MILL TEST CERTIFICATE TO EN 10204/3.1
INVOICE NO: YK-13-02-10

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.
SHANGHAI CRYSTAL PALACE PIPE CO., LTD

MANAGER OF QUALITY ASSURANCE DEPARTMENT / DING WEI-GUO

MAR 13 2013



SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

MILL TEST CERTIFICATE

CRYSTAL-PALACE

ISO9001:2008 ; PED Material Certificate (No.: QAC0021058/A) DATE OF ISSUE: 2013/2/1

CUSTOMER: MARMON/KEYSTONE CANADA INC.		CERTIFICATE NO.: 2012-11-9-F-4	
P.O.NO.: BN3349		ORDER NO.: 2012-11-009-F	
COMMODITY: STAINLESS STEEL SEAMLESS TUBING.		GRADE: ASTM A213-11a TP304/TP304L	
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 400 GRIT.		HEAT NO.: Y122590	
CHEMICAL CONTENTS (WT%)			
ELEMENTS			
C			
Mn			
P			
S			
Si			
Ni			
Cr			
SPECIFICATION			
RESULTS (LADLE)			
C			
Mn			
P			
S			
Si			
Ni			
Cr			
PHYSICAL PROPERTIES			
T S			
0.2%YS			
Weight			
Pieces			
Bundle No.			
Z12-12-171			
Length			
20			
W.T			
0.065			
O.D			
1.000			
EL			
62.0			
FLARING			
TEST			
OK			
HARDNESS			
HRB			
77			
EDDY			
CURRENT			
TEST TO E426			
(100%)			
OK			
(DRILLED HOLE)			
REMARKS:			
AS PER ASTM A213-11a/ASME SA213-10			
WALL THICKNESS TOLERANCE AS PER ASTM A269-10			
IN COMPLIANCE TO NACE MR0175-2003			
IC TEST TO ASTM A262 PRACTICE E			
SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min			
NO WELD REPAIR WAS PERFORMED			
FREE FROM MERCURY CONTAMINATION			
COUNTRY OF ORIGIN: CHINA			
MILL TEST CERTIFICATE TO EN 10204/3.1			
INVOICE NO: YK-13-02-10			
1.WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT			
2.THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.			
SHANGHAI CRYSTAL PALACE PIPE CO.,LTD			
QC DEPARTMENT			
MAR 13 2013			
Dingyue			
MANAGER OF QUALITY ASSURANCE DEPARTMENT / DING WEI-GUO			



CRYSTAL-PALACE

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

MILL TEST CERTIFICATE

ISO9001:2008 PED Material Certificate (No.: QAC0021058/A) DATE OF ISSUE: 2013/5/3

CUSTOMER: MARMON/KEystone CANADA INC.		CERTIFICATE NO.: 2013-3-3-D-4								
P.O.NO.: BN3489		ORDER NO.: 2013-03-003-D								
COMMODITY: STAINLESS STEEL SEAMLESS TUBING		GRADE: ASTM A213-11a TP304/TP304L								
CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END / OD POLISHED 400 GRIT.		HEAT NO.: YT22590								
CHEMICAL CONTENTS (WT%)										
ELEMENTS		C	Mn	P	S	Si	Ni	Cr		
SPECIFICATION		≤0.035	≤2.00	≤0.040	≤0.030	≤0.75	8.0~11.0	18.0~20.0		
RESULTS (LADLE)		0.023	0.73	0.038	0.004	0.36	8.06	18.14		
PHYSICAL PROPERTIES										
Dimensions		Bundle No.	Weight (kg)	0.2%YS (Mpa) ≥205	TS (Mpa) ≥515	EL (%) ≥35	FLARING TEST	FLATTENING TEST	HARDNESS HRB ≤80	EDDY CURRENT TEST TO E426 (100%) OK (DRILLED HOLE)
O.D. (inch)	W.T (inch)									
1.000	0.065	20	Z12-12-172	125	744	310	690	58.5	OK	OK
REMARKS: AS PER ASTM A213-11a/ASME SA213-10 WALL THICKNESS TOLERANCE AS PER ASTM A269-10 IN COMPLIANCE TO NACE MR0175-2003 IC TEST TO ASTM A262 PRACTICE E SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min NO WELD REPAIR WAS PERFORMED FREE FROM MERCURY CONTAMINATION COUNTRY OF ORIGIN: CHINA MILL TEST CERTIFICATE TO EN 10204/3.1 INVOICE NO: YK-13-05-18									1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT 2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY. SHANGHAI CRYSTAL PALACE PIPE CO., LTD	
MANAGER OF QUALITY ASSURANCE DEPARTMENT / DING WEI-GUO									QC REVIEWED JUN 13 2013	



CRYSTAL PALACE

SHANGHAI CRYSTAL PALACE PIPE CO., LTD

LAO GANG, PUDONG NEW AREA DISTRICT, SHANGHAI, CHINA

MILL TEST CERTIFICATE

ISO9001:2008; PED Material CERTIFICATE (No.: QAC0021058/A) DATE OF ISSUE: 2013/11/3

CUSTOMER: MARMON/KEYSTONE CANADA INC. CERTIFICATE NO.: 2013-7-17-E-3

P.O. NO.: BN3759 ORDER NO.: 2013-07-017-E

COMMODITY: STAINLESS STEEL SEAMLESS TUBING GRADE: ASTM A213-11a/ASME SA213-10 TP304/TP304L

CONDITION: COLD FINISH / SOLUTION TREATED / PICKLED / PLAIN END HEAT NO.: YT31223

CHEMICAL CONTENTS (WT%)

ELEMENTS	C	Mn	P	S	Si	Ni	Cr
SPECIFICATION	≤0.035	≤2.00	≤0.040	≤0.030	≤0.75	8.0~11.0	18.0~20.0
RESULTS (LADLE)	0.023	1.07	0.033	0.004	0.38	8.07	18.10

PHYSICAL PROPERTIES

Dimensions			Bundle No.	Pieces	Weight (kg)	0.2%YS (Mpa)			TS (Mpa)			EL (%)			FLARING TEST	FLATTENING TEST	HARDNESS HRB	EDDY CURRENT TEST TO E426 (100%)
O.D (inch)	W.T (inch)	Length (feet)				≥205	≥515	≥35	≥515	≥515	≥35	≥35	≥35	≥35				
1.250	0.120	20	13-9-16	50	664	265	660	64.5	OK	OK	OK	75	OK	(DRILLED HOLE)				

REMARKS:
AS PER ASTM A213-11a/ASME SA213-10
WALL THICKNESS TOLERANCE AS PER ASTM A269-10
IN COMPLIANCE TO NACE MR0175-2003
IC TEST TO ASTM A262 PRACTICE E
SOLUTION HEAT TREATMENT: 1050°C X 1.5m/min
NO WELD REPAIR WAS PERFORMED
FREE FROM MERCURY CONTAMINATION
COUNTRY OF ORIGIN: CHINA
MILL TEST CERTIFICATE TO EN 10204/3.1
INVOICE NO: YK-13-11-13

1. WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HEREIN HAS BEEN TESTED AND THE TEST RESULTS ARE IN COMPLIANCE WITH THE TERMS OF THE PURCHASE ORDER OR CONTRACT
2. THE CERTIFICATE SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE COMPANY.
SHANGHAI CRYSTAL PALACE PIPE CO., LTD

MANAGER OF QUALITY ASSURANCE DEPARTMENT / DING WEI-GUO

DEC 16 2013



Alcoa Forgings and Extrusions
Lafayette Operations
3131 East Main Street
Lafayette, IN
47905-7500

Certified Inspection Report

Sales Order Number	Line	Customer P/O	Cert Number	Page
1000489569	11	61-30554-1	AET1648860	1/2
				Cert Print Date
			06-JUN-13	06-JUN-13

Alcoa, Inc.

Invoice To Customer

MARMON/KEYSTONE CORPORATION
1690 REMINGTON BLVD
SUITE 305
BOLINGBROOK, IL - 60440

Ship To Customer

MARMON/KEYSTONE CORPORATION
32944 US HIGHWAY 6
SPRING VALLEY, IL - 61362

Quantity Shipped	Date Shipped	Item Description
693 LB	06-JUN-13	Drawn Tube OD X WALL 1.000 OD x 0.065 WALL 144 IN LN 6061 / T6 W/F 0.225 Marking CONTINUOUS: AMS4082 REV P ASTM B210 REV 12 WW-T-7006 REV F, AM2, NOT1
B/L	Item No.	
2086932	G03123386	
Delivery ID	Item No. Rev	
8003404		
Customer Part No		

Legal Statement

We hereby certify that, unless otherwise indicated, the material covered by this report has been manufactured, inspected, and tested in accordance with, and has been found to meet, the applicable requirements described herein, including any specifications forming a part of the description and that samples representative of the material met the composition and had the mechanical properties shown on the face of this certification. Also, note that mercury is not a normal contaminant in aluminum alloys and neither it nor any of its compounds are used in the manufacture of our product. This certification is not to be reproduced in partial form without prior written approval of our Quality Assurance Dept.

Signature And Title

Melissa Griffith
Melissa Griffith
Quality Control Manager

06-JUN-13

Quantities per Lot / Packages

Package Number	Lot Number	Quantity	UOM	Gross	Net
G17-PKGS93482	17749890	133	PCS	407	359
G17-PKGS93483	17749890	124	PCS	386	334

Composition Limits

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6061	Min 0.40	---	0.15	---	0.8	0.04	---	---
	Max 0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15
Alloy	Others Each							
	Others Total							
6061	Min ---	---	---	---	---	---	---	---
	Max 0.05	---	0.15	---	---	---	---	---

Mechanical Property - Test Results

Test Type	UTS - L	TYS - L	EL AD-Long
UOM	KSI	KSI	PCT
# of Tests			



Alcoa Forgings and Extrusions
Lafayette Operations
3131 East Main Street
Lafayette, IN
47905-7500

Certified Inspection Report

Sales Order Number	Line	Customer P/O	Cert Number	Page
1000489569	1.1	61-30554-1	AEF1648860	2/2
			06-JUN-13	Cert Print Date
			06-JUN-13	

Test	Lot Number	Piece / Test ID	Results	Results	Results
Temper	17749890	3-F	46.9	42.9	17.7
T6					

Other - Test Limits		Dimensional	
Test Type			
UOM			
# of Tests			
Test	Lot Number	Min	Max
Temper			
T6	SPEC LIMITS	P	...

Other - Test Results		Dimensional	
Test Type			
UOM			
# of Tests			
Test	Lot Number	Results	
Temper			
T6	17749890	P	

Cert Notes

Made in USA
The test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate.
The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 304 .500X.035W
 RECEIVED BY: Zine
 DATE: 14/09/08
 P/O# 25537
 QUANTITY ORDERED: 120
 THICKNESS ORDERED: .500X.035W
 SHEET SIZE: _____
 MATERIAL CERT RECEIVED: yes
 QUANTITY RECEIVED: 120
 THICKNESS RECEIVED: .500X.035W
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
INCORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
INCORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
INCORRECT MATERIAL	Y <input checked="" type="checkbox"/> N	
INCORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>amk</u>	BY: _____
DATE: <u>14/09/08</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 304 .750X.049W
 RECEIVED BY: Lind
 DATE: 14/09/08
 P/O#: 25537
 QUANTITY ORDERED: 200
 THICKNESS ORDERED: .750X.049W
 SHEET SIZE: _____
 MATERIAL CERT RECEIVED: yes
 QUANTITY RECEIVED: 200
 THICKNESS RECEIVED: .750X.045W
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
INCORRECT FINISH	Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
INCORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N	
INCORRECT MATERIAL	Y <input checked="" type="radio"/> N	
INCORRECT THICKNESS	Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y <input type="radio"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y <input type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>[Signature]</u>	BY: _____
DATE: <u>14/09/08</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061-T6 1.00X.0650
 RECEIVED BY: Lup
 DATE: 14/09/08
 P/O#: 25537
 QUANTITY ORDERED: 84
 THICKNESS ORDERED: 1.00X.0650
 SHEET SIZE: _____
 MATERIAL CERT RECEIVED: yes
 QUANTITY RECEIVED: 120
 THICKNESS RECEIVED: 1.00X.0650
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
INCORRECT FINISH	Y	<input checked="" type="checkbox"/>	
CORROSION	Y	<input checked="" type="checkbox"/>	
INCORRECT GRAIN DIRECTION	Y	<input checked="" type="checkbox"/>	
INCORRECT MATERIAL	Y	<input checked="" type="checkbox"/>	
INCORRECT THICKNESS	Y	<input checked="" type="checkbox"/>	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>am</u>	BY: _____
DATE: <u>14/09/08</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 304 L25X.120W
 RECEIVED BY: Lin
 DATE: 14/09/08
 P/O# 25537
 QUANTITY ORDERED: 40
 THICKNESS ORDERED: 1.25X.120W
 SHEET SIZE: _____
 MATERIAL CERT RECEIVED: yes
 QUANTITY RECEIVED: 40
 THICKNESS RECEIVED: 1.25X.110
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
INCORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
INCORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
INCORRECT MATERIAL	Y <input checked="" type="checkbox"/> N	
INCORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>OM</u>	BY: _____
DATE: <u>14/09/10</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 304 1.00X.065W
 RECEIVED BY: Lin
 DATE: 14/09/08
 P/O# 25537
 QUANTITY ORDERED: 40
 THICKNESS ORDERED: 1.00X.065
 SHEET SIZE: _____
 MATERIAL CERT RECEIVED: yes
 QUANTITY RECEIVED: 40
 THICKNESS RECEIVED: 1.00X.065
 SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
INCORRECT FINISH	Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
INCORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N	
INCORRECT MATERIAL	Y <input checked="" type="checkbox"/> N	
INCORRECT THICKNESS	Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>Lin</u>	BY: _____
DATE: <u>14/09/08</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO25537**

Purchase Order Date 8/26/2014

PO Print Date 8/26/2014

Page Number 1 of 3

Order From : VC-MAR001

MARMON/KEYSTONE CANADA LTD.
290 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC J4B 5X9
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

FAXED

Contact Name		Buyer	Chantal Lavoie
Vendor Phone	800 361 8142	Customer POID	
Ship To Contact		Customer Tax #	10127-2607
Ship To Phone		Terms	Net 30
Ship Via:	TST ground	Currency	CAD
Ship Acct:		FOB	Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	M6061T6T1.000W065	6061T6 RD TUBE 1.00 x .065w	9/3/2014 Yes 9/3/2014		120.00 f	\$3.70	\$444.00
	MATERIAL: 6061-T6/T62/T6510/T6511 SEAMLESS TUBING AS PER WW-T-700/6 OR QQ-A-200/8 OR QQ-A-225/8 OR AMS 4080 OR AMS 4082 OR AMS 4083 OR ASTM B210 OR ASTM B241						
	Line Total:						\$444.00
2	M304TR0.500W.035	304 RD Tube .500 x .035W	9/3/2014 Yes 9/3/2014		120.00 f	\$0.97	\$116.40
	MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING AS PER ASTM A213 OR AMSE SA213 OR ASTM A269						
	Line Total:						\$116.40

Note:

8/26/2014



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO25537**

Purchase Order Date 8/26/2014

PO Print Date 8/26/2014

Page Number 2 of 3

Order From : VC-MAR001
MARMON/KEYSTONE CANADA LTD.
290 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC J4B 5X9
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name
Vendor Phone 800 361 8142

Ship To Contact
Ship To Phone
Ship Via: TST ground
Ship Acct:

Buyer
Customer POID
Customer Tax # 10127-2607
Terms Net 30
Currency CAD
FOB Destination-Collect

M304TR0.750W.049	304 RD Tube .750 x .049W	9/3/2014	200.00	\$1.95	\$390.00
		Yes	f		
		9/3/2014			

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING
AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

Line Total: \$390.00

M304TR1.000W.065	304 RD Tube 1.00 x .065W	9/3/2014	40.00	\$3.19	\$127.60
		Yes	f		
		9/3/2014			

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING
AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

Line Total: \$127.60

M304TR1.250W.125	304 RD Tube 1.250 x .125w	9/3/2014	40.00	\$6.46	\$258.40
		Yes	f		
		9/3/2014			

MATERIAL: AISI 304/316 SA SEAMLESS ROUND TUBING
AS PER ASTM A213 OR AMSE SA213 OR ASTM A269

Line Total: \$258.40

Note:

8/26/2014



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO25537**

Purchase Order Date 8/26/2014

PO Print Date 8/26/2014

Page Number 3 of 3

Order From :

VC-MAR001

Ship To : DART AEROSPACE LTD

MARMON/KEYSTONE CANADA LTD.
290 CHEMIN DU TREMBLAY
BOUCHERVILLE, QC J4B 5X9
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

800 361 8142

Ship To Contact

Ship To Phone

Ship Via:

TST ground

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

CAD

Destination-Collect

6 71401-45

PROCUREMENT
QUALITY CLAUSES

9/3/2014

1.00

\$0.00

\$0.00

No

9/3/2014

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

Line Total:

\$0.00

PO Total:

\$1,078.00

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr:

1

Change Date:

8/26/2014